

P24079.P01 <div style="text-align: center;">UTILITY PATENT APPLICATION TRANSMITTAL</div> (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No. P24079	Total Pages	Inventor(s) or Application Identifier Hiromi MATSUSAKA Title: RECEPTION METHOD, RECEPTION APPARATUS AND WIRELESS TRANSMISSION SYSTEM USING ADAPTIVE MODULATION SCHEME
--	-------------------------------	-------------	---

ADDRESS TO:	Commissioner for Patents Mail Stop Patent Application PO Box 1450 Alexandria, VA 22313-1450	03913 U.S. PTO 10/644845 08/21/03
-------------	--	--

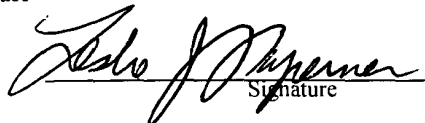
APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. a. <input type="checkbox"/> Small Entity Statement(s) 3. <input checked="" type="checkbox"/> Specification [Total Pages <u>47</u>] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>9</u>] 5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>3</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) <input type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) [Note Box 6 below] i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)	9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies 10. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) 12. <input type="checkbox"/> English Translation Document (if applicable) 13. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Citations Statement (IDS)/PTO-1449 14. <input type="checkbox"/> Preliminary Amendment 15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 16. <input checked="" type="checkbox"/> Figure of Drawing to be published <u>2</u> 17. <input checked="" type="checkbox"/> Foreign priority claimed a. <input checked="" type="checkbox"/> Claim of Priority b. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) 18. <input checked="" type="checkbox"/> Assignee: <u>Matsushita Electric Industrial Co., Ltd.</u> <u>of Osaka, Japan</u> 19. <input type="checkbox"/> Other: _____ _____ _____ _____ _____

20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. _____ / _____, filed _____. Prior application information: Examiner: _____ Group Art Unit: _____
21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This application is a <u> </u> continuation-in-part, <u> </u> continuation, <u> </u> divisional, of Application No. _____ / _____, filed _____.

Address all future correspondence to **Customer No. 7055** at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.
 1950 Roland Clarke Place
 Reston, VA 20191
 (703) 716-1191

8/21/03
 Date


 Signature
Bruce H. Bernstein, Reg. No. 29,027
 Typed or Printed Name

Reg 16
 33,329

<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> P24079 P03 08/21/03 13281 U.S. PTO </div> <div> FEE TRANSMITTAL </div> </div>		Complete if Known	
		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	Hiromi MATSUSAKA
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
TOTAL AMOUNT OF PAYMENT (\$) 790.00		Attorney Docket Number	P24079

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																									
<p>1. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)</p> <p><input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p style="text-align: center;">FEE CALCULATION (fees effective 01/01/03)</p> <p>1. FILING FEE</p> <table style="width:100%;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>750</td><td>2001</td><td>375</td><td>Utility filing fee</td><td><u>750.00</u></td></tr> <tr><td>1002</td><td>330</td><td>2002</td><td>165</td><td>Design filing fee</td><td>_____</td></tr> <tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td>_____</td></tr> <tr><td>1004</td><td>750</td><td>2004</td><td>375</td><td>Reissue filing fee</td><td>_____</td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td>_____</td></tr> <tr> <td colspan="5">SUBTOTAL (1)</td> <td>(\$)<u>750.00</u></td> </tr> </tbody> </table> <p>2. CLAIMS</p> <table style="width:100%;"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td><u>6</u> -20=</td> <td><u>0</u></td> <td><u>18</u></td> <td><u>0</u></td> </tr> <tr> <td>Independent <u>3</u> -3=</td> <td><u>0</u></td> <td><u>84</u></td> <td><u>0</u></td> </tr> <tr> <td>Multiple Dependent Claims <u>0</u></td> <td><u>0</u></td> <td><u>280</u></td> <td><u>0</u></td> </tr> </tbody> </table> <table style="width:100%;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>1201</td><td>84</td><td>2201</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>1203</td><td>280</td><td>2203</td><td>140</td><td>Multiple dependent claim</td></tr> <tr><td>1204</td><td>84</td><td>2204</td><td>42</td><td>Reissue independent claims over original patent</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> <tr> <td colspan="5">SUBTOTAL (2) (\$)<u>0.00</u></td> </tr> </tbody> </table>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1001	750	2001	375	Utility filing fee	<u>750.00</u>	1002	330	2002	165	Design filing fee	_____	1003	520	2003	260	Plant filing fee	_____	1004	750	2004	375	Reissue filing fee	_____	1005	160	2005	80	Provisional filing fee	_____	SUBTOTAL (1)					(\$)<u>750.00</u>	Total Claims	Extra	Fee from below	Fee Paid	<u>6</u> -20=	<u>0</u>	<u>18</u>	<u>0</u>	Independent <u>3</u> -3=	<u>0</u>	<u>84</u>	<u>0</u>	Multiple Dependent Claims <u>0</u>	<u>0</u>	<u>280</u>	<u>0</u>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	1202	18	2202	9	Claims in excess of 20	1201	84	2201	42	Independent claims in excess of 3	1203	280	2203	140	Multiple dependent claim	1204	84	2204	42	Reissue independent claims over original patent	1205	18	2205	9	Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$) <u>0.00</u>					<p>3. ADDITIONAL FEES</p> <table style="width:100%;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>_____</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td>_____</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td>_____</td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td>_____</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR</td><td>_____</td></tr> <tr><td></td><td></td><td></td><td></td><td>Prior to Examiner action</td><td>_____</td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>_____</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for response within 1st month</td><td>_____</td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for response within 2nd month</td><td>_____</td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for response within 3rd month</td><td>_____</td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for response within 4th month</td><td>_____</td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for response within 5th month</td><td>_____</td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td>_____</td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td>_____</td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td>_____</td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>_____</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td>_____</td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive unintentionally abandoned application</td><td>_____</td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td>_____</td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td>_____</td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td>_____</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td>_____</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td>_____</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of IDS</td><td>_____</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><u>40.00</u></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td>_____</td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td>_____</td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td>_____</td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td>_____</td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td>_____</td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td>_____</td></tr> <tr> <td colspan="5">SUBTOTAL (3)</td> <td>(\$)<u>40.00</u></td> </tr> <tr> <td colspan="6">*Reduced by Basic Filing Fee paid</td> </tr> </tbody> </table>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath	_____	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	_____	1053	130	1053	130	Non-English specification	_____	1812	2,520	1812	2,520	For filing a request for reexamination	_____	1804	920*	1804	920*	Requesting publication of SIR	_____					Prior to Examiner action	_____	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	_____	1251	110	2251	55	Extension for response within 1st month	_____	1252	410	2252	205	Extension for response within 2nd month	_____	1253	930	2253	465	Extension for response within 3rd month	_____	1254	1,450	2254	725	Extension for response within 4th month	_____	1255	1,970	2255	985	Extension for response within 5th month	_____	1401	320	2401	160	Notice of Appeal	_____	1402	320	2402	160	Filing a brief in support of an appeal	_____	1403	280	2403	140	Request for oral hearing	_____	1451	1,510	1451	1,510	Petition to institute a public use proceeding	_____	1452	110	2452	55	Petition to revive unavoidably abandoned application	_____	1453	1,300	2453	650	Petition to revive unintentionally abandoned application	_____	1501	1,300	2501	650	Utility issue fee (or reissue)	_____	1502	470	2502	235	Design issue fee	_____	1503	630	2503	315	Plant issue fee	_____	1460	130	1460	130	Petitions to the Commissioner	_____	1807	50	1807	50	Petitions related to provisional applications	_____	1806	180	1806	180	Submission of IDS	_____	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	_____	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	_____	1801	750	2801	375	Request for Continued Examination (RCE)	_____	1802	900	1802	900	Request for expedited examination of a design application	_____	Other fee (specify) _____					_____	Other fee (specify) _____					_____	SUBTOTAL (3)					(\$)<u>40.00</u>	*Reduced by Basic Filing Fee paid					
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																					
1001	750	2001	375	Utility filing fee	<u>750.00</u>																																																																																																																																																																																																																																																																																																					
1002	330	2002	165	Design filing fee	_____																																																																																																																																																																																																																																																																																																					
1003	520	2003	260	Plant filing fee	_____																																																																																																																																																																																																																																																																																																					
1004	750	2004	375	Reissue filing fee	_____																																																																																																																																																																																																																																																																																																					
1005	160	2005	80	Provisional filing fee	_____																																																																																																																																																																																																																																																																																																					
SUBTOTAL (1)					(\$)<u>750.00</u>																																																																																																																																																																																																																																																																																																					
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																																																																																																																																							
<u>6</u> -20=	<u>0</u>	<u>18</u>	<u>0</u>																																																																																																																																																																																																																																																																																																							
Independent <u>3</u> -3=	<u>0</u>	<u>84</u>	<u>0</u>																																																																																																																																																																																																																																																																																																							
Multiple Dependent Claims <u>0</u>	<u>0</u>	<u>280</u>	<u>0</u>																																																																																																																																																																																																																																																																																																							
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																																																																																																																																																																																						
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																																																																																																																						
1201	84	2201	42	Independent claims in excess of 3																																																																																																																																																																																																																																																																																																						
1203	280	2203	140	Multiple dependent claim																																																																																																																																																																																																																																																																																																						
1204	84	2204	42	Reissue independent claims over original patent																																																																																																																																																																																																																																																																																																						
1205	18	2205	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																																						
SUBTOTAL (2) (\$) <u>0.00</u>																																																																																																																																																																																																																																																																																																										
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																					
1051	130	2051	65	Surcharge - late filing fee or oath	_____																																																																																																																																																																																																																																																																																																					
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	_____																																																																																																																																																																																																																																																																																																					
1053	130	1053	130	Non-English specification	_____																																																																																																																																																																																																																																																																																																					
1812	2,520	1812	2,520	For filing a request for reexamination	_____																																																																																																																																																																																																																																																																																																					
1804	920*	1804	920*	Requesting publication of SIR	_____																																																																																																																																																																																																																																																																																																					
				Prior to Examiner action	_____																																																																																																																																																																																																																																																																																																					
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	_____																																																																																																																																																																																																																																																																																																					
1251	110	2251	55	Extension for response within 1st month	_____																																																																																																																																																																																																																																																																																																					
1252	410	2252	205	Extension for response within 2nd month	_____																																																																																																																																																																																																																																																																																																					
1253	930	2253	465	Extension for response within 3rd month	_____																																																																																																																																																																																																																																																																																																					
1254	1,450	2254	725	Extension for response within 4th month	_____																																																																																																																																																																																																																																																																																																					
1255	1,970	2255	985	Extension for response within 5th month	_____																																																																																																																																																																																																																																																																																																					
1401	320	2401	160	Notice of Appeal	_____																																																																																																																																																																																																																																																																																																					
1402	320	2402	160	Filing a brief in support of an appeal	_____																																																																																																																																																																																																																																																																																																					
1403	280	2403	140	Request for oral hearing	_____																																																																																																																																																																																																																																																																																																					
1451	1,510	1451	1,510	Petition to institute a public use proceeding	_____																																																																																																																																																																																																																																																																																																					
1452	110	2452	55	Petition to revive unavoidably abandoned application	_____																																																																																																																																																																																																																																																																																																					
1453	1,300	2453	650	Petition to revive unintentionally abandoned application	_____																																																																																																																																																																																																																																																																																																					
1501	1,300	2501	650	Utility issue fee (or reissue)	_____																																																																																																																																																																																																																																																																																																					
1502	470	2502	235	Design issue fee	_____																																																																																																																																																																																																																																																																																																					
1503	630	2503	315	Plant issue fee	_____																																																																																																																																																																																																																																																																																																					
1460	130	1460	130	Petitions to the Commissioner	_____																																																																																																																																																																																																																																																																																																					
1807	50	1807	50	Petitions related to provisional applications	_____																																																																																																																																																																																																																																																																																																					
1806	180	1806	180	Submission of IDS	_____																																																																																																																																																																																																																																																																																																					
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>																																																																																																																																																																																																																																																																																																					
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	_____																																																																																																																																																																																																																																																																																																					
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	_____																																																																																																																																																																																																																																																																																																					
1801	750	2801	375	Request for Continued Examination (RCE)	_____																																																																																																																																																																																																																																																																																																					
1802	900	1802	900	Request for expedited examination of a design application	_____																																																																																																																																																																																																																																																																																																					
Other fee (specify) _____					_____																																																																																																																																																																																																																																																																																																					
Other fee (specify) _____					_____																																																																																																																																																																																																																																																																																																					
SUBTOTAL (3)					(\$)<u>40.00</u>																																																																																																																																																																																																																																																																																																					
*Reduced by Basic Filing Fee paid																																																																																																																																																																																																																																																																																																										

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Bruce H. Bernstein	Reg. Number	29,027
Signature	<i>Bruce H. Bernstein</i>	Deposit Account User ID	

33329